Amendments to the Claims

Claim 1 (currently amended): A computer-implemented method of programmatically building queries, comprising:

programmatically building a query user interface for building a query command to query ~~a content source, wherein the query user interface comprises a plurality of query parameters, each query parameter comprising a unique query parameter name, a query qualifier, and a query parameter value,~~ content of a Web page that lacks an already-existing query user interface, further comprising:

~~dynamically identifying the content source to be queried;~~

programmatically determining a current context of a user of a device on which the Web page is rendered, the current context comprising at least one of: an identification of the user; a role of the user; the device used by the user; a geographical location of the user; and preferences of the user;

programmatically determining a plurality of content values specified in the ~~dynamically-identified content source~~ Web page;

programmatically determining, based on the specified content values, a plurality of content types corresponding thereto;

using the programmatically-determined current context and at least one of the programmatically-determined content types to consult a lookup component, thereby obtaining ~~to obtain~~ at least two query parameter names ~~usable to query the content source~~ for displaying on the programmatically-built query user interface;

programmatically identifying, for each of the obtained query parameter names, at least one selectable query qualifier corresponding thereto, wherein each of the selectable query qualifiers indicates a particular comparison to be performed if subsequently ~~qualifier usable in determining a match when~~ comparing selected ones of the content values to that query parameter name;

programmatically identifying, for each of the obtained query parameter names, at least one selectable parameter value ~~usable therewith as a query parameter value~~ corresponding thereto;

programmatically building [[the]] a plurality of query parameters by associating, with each of the obtained query parameter names, each of the at least one programmatically-identified selectable query qualifiers corresponding thereto and each of the at least one programmatically-identified selectable parameter values ~~usable therewith~~ corresponding thereto; and

displaying on the query user interface, for each of the programmatically-built query parameters, the obtained query parameter name, a first selector ~~usable to select~~ for selecting one of the at least one query qualifiers associated therewith[[,]] and a second selector for selecting ~~usable to select~~ at least one of the at least one parameter values associated therewith; and

accepting input from the ~~enabling a~~ user to build [[a]] the query command to query the ~~content source by using~~ Web page, further comprising:

accepting, from the user for each of ~~at least one of~~ the displayed query parameter names, ~~the first selector to select~~ one of the associated query qualifiers selected by the user with the first selector and ~~using the second selector to select~~ at least one of the associated parameter values selected by the user with the second selector; and programmatically building the query command to specify, for each of the displayed query parameter names, the selected query qualifier and each of the at least one selected parameter values.

Claims 2 - 3 (canceled)

Claim 4 (currently amended): The method according to Claim 1, further comprising:

programmatically identifying at least one query extension parameter for the query command, responsive to a request from the user~~ to extend the display on the query user interface~~, further comprising~~, for each of the at least one query extension parameters~~:

using the programmatically-determined current context and at least one of the obtained query parameter names to~~ obtain~~ consult a mapping, thereby obtaining a related query parameter name;

programmatically identifying at least one selectable query qualifier corresponding to the obtained related query parameter name, wherein each of the selectable query qualifiers indicates a particular comparison to be performed if subsequently ~~qualifier usable in determining a match when~~ comparing selected ones of the content values to the obtained related query parameter name;

programmatically identifying at least one selectable parameter value corresponding to the obtained related query parameter name; and

programmatically building the query extension parameter by associating, with the obtained related query parameter name, the programmatically-identified at least one selectable query qualifier corresponding thereto and each of the at least one programmatically-identified selectable parameter values corresponding thereto; and

wherein the displaying further comprises also displaying the programmatically-built query extension parameter for each of the at least one programmatically-identified query extension parameters as additional ones of the programmatically-built query parameters.

Claims 5 - 25 (canceled)